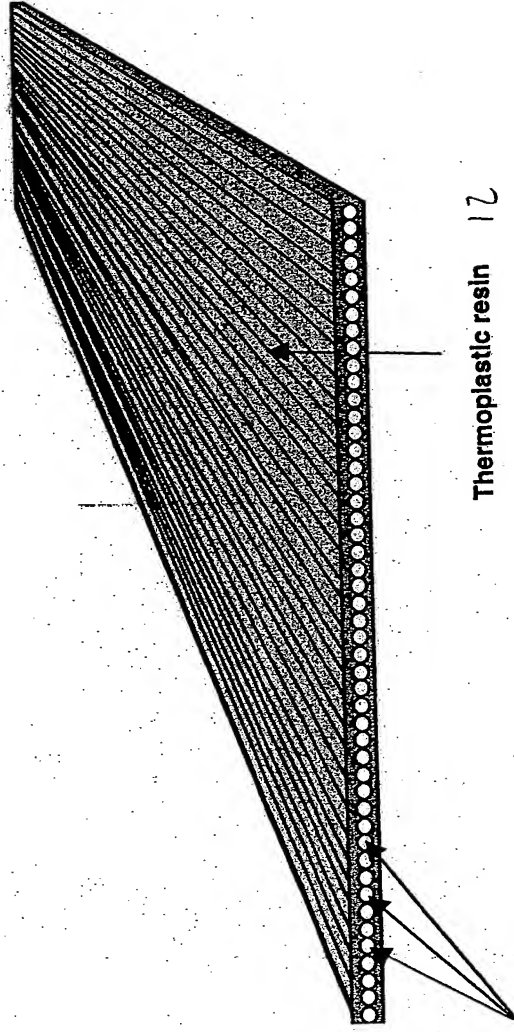


Figure 1.

Fiber Reinforced Thermoplastic Tape 10



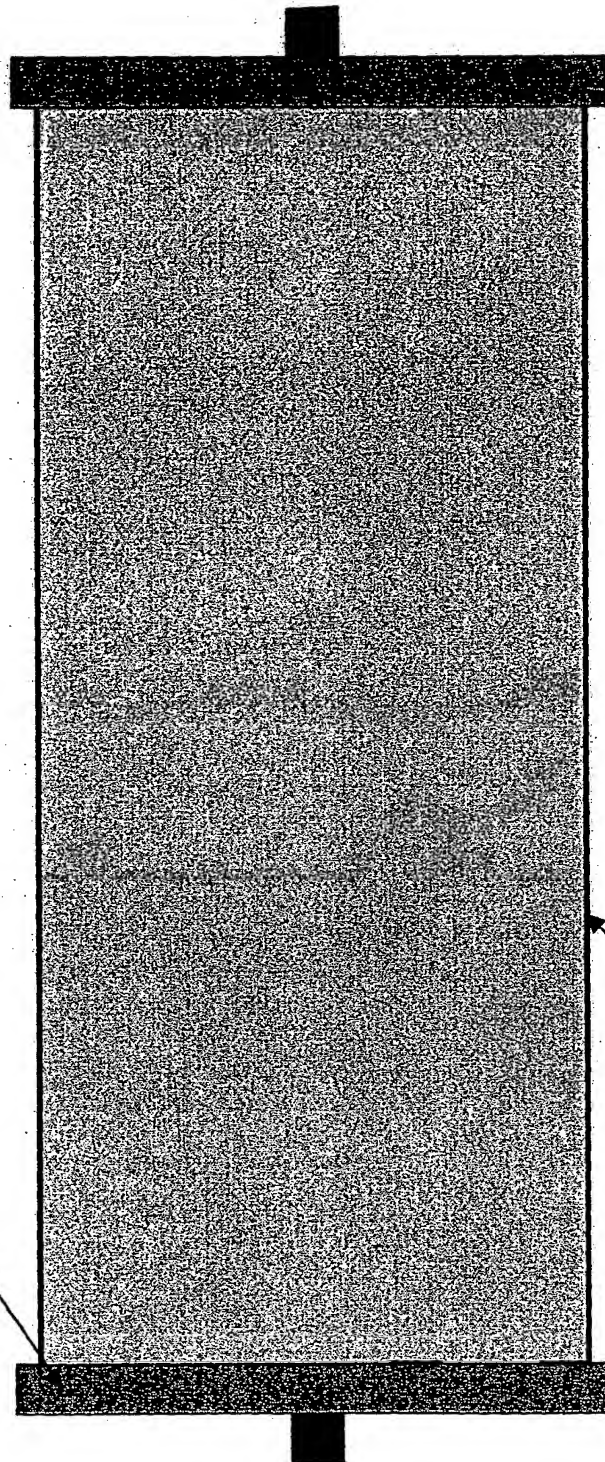
Thermoplastic resin 12

Reinforcing filaments 14

Figure 2.

Diagram showing building mandrel with clamping rings on each sholder

20
Clamping ring to hold CD prepreg tape



18
Clamping ring to hold CD prepreg tape

16
Building Mandrel

Figure 3.

Diagram showing building mandrel with cross machine prepreg tape

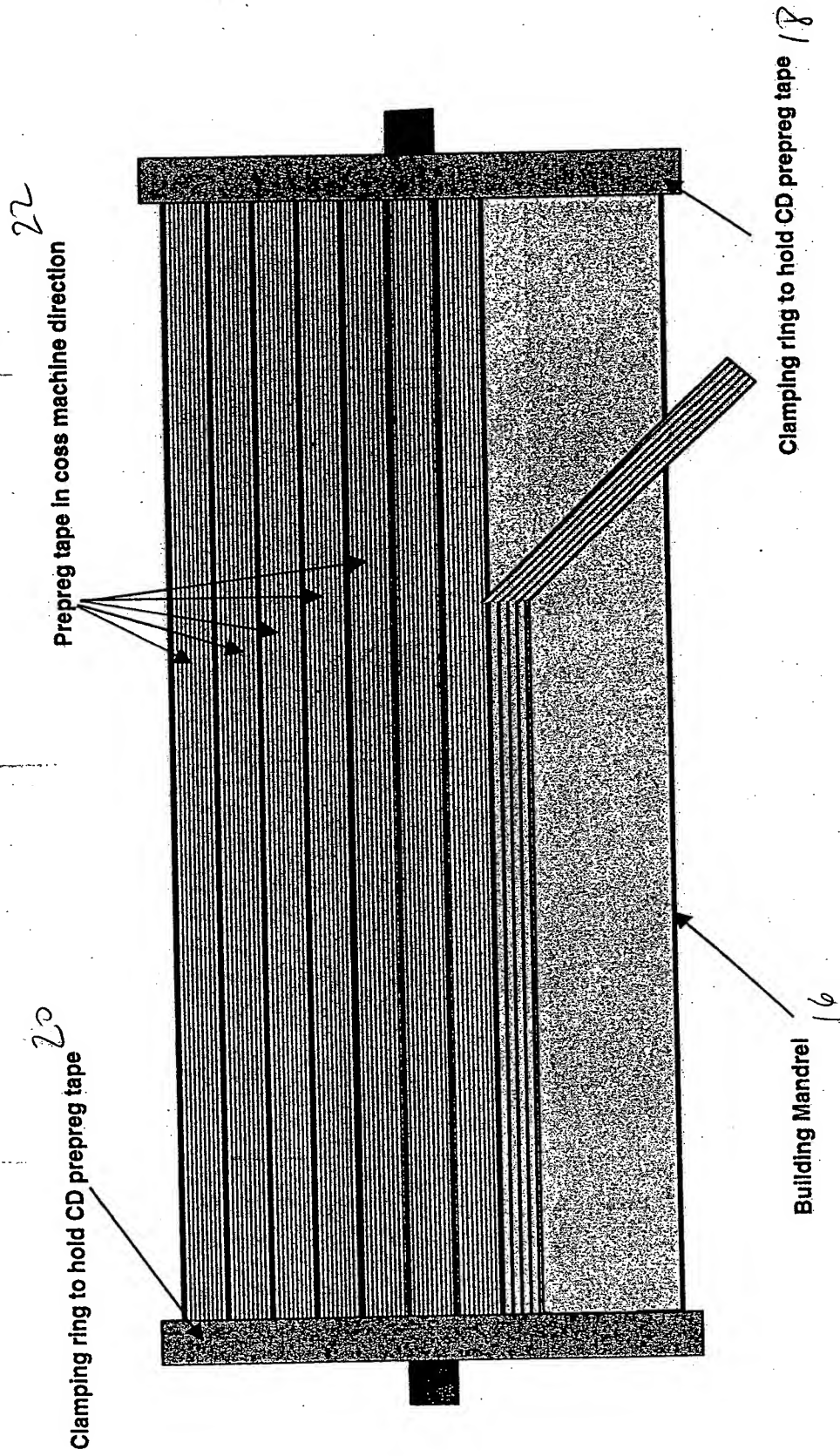


Figure 4.

Diagram showing forming mandrel with prepreg tape in MD and CD

